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ATTACHMENT

Army and DoD reviews completed

SUBJECT: Detailed Outline of Projected Communications Center for War Department
Detachment at Rhine-Main Airport

1. General Scope of Projected Installation. The installation requires the construction of a radio base station with the following facilities:
 - (a) radio receiving room capable of handling six to eight positions simultaneously; (b) message center with wire facilities; (c) radio transmitting room with six transmitters (300/400 watt output for A-1 emission exclusively; (d) administrative offices; (e) radio and power maintenance shops; (f) signal warehouse adequate to service all CIG projects in the Theater. The above mentioned transmitter site will be located within ten miles of the airfield and transmitters will be remotely keyed at 15/25 words per minute.

2. Particular Requirements for Installation.

- (a) Physical Space Requirements: (See Attached Sketch)

(All units can be contained in four pre-fabricated huts of the type now being constructed at Rhine-Main Airport.)

- 1) Radio Operating Room..... 700 Sq. Ft.
- 2) Message Center and TTY Room..... 375 Sq. Ft.
- 3) warehouse..... 1000 Sq. Ft.
- 4) Radio Repair Shop..... 250 Sq. Ft.
- 5) Carpenter Shop and Packing Room..... 250 Sq. Ft.
- 6) Offices (two)..... 200 Sq. Ft.
- 7) Billets (CQ, etc.)..... 500 Sq. Ft.
- 8) Garage, Motor Pool, Emer. Power..... 750 Sq. Ft.
- 9) Transmitter House, Emer. Power, etc.... 1750 Sq. Ft.

- (b) Services Requirements:

- 1) One TTY line, full metallic return to DAAA.
- 2) Ten pair keying lines between receiving station and transmitter station.
- 3) Two telephone lines to Rhine-Main switchboard.
- 4) One telephone line to Frankfurt switchboard.
- 5) Power allotment to operate receiver station with associated equipment. Installation should be capable of minimum of 15 KW @ 110/220 V 3 phase 4 wire.
- 6) Power allotment to operate transmitter station with associated equipment. Installation should be capable of minimum of 15 KW @ 110/220 V 3 phase 4 wire.
- 7) Billeting and messing facilities for a maximum of twenty officer, U. S. civilian and enlisted personnel, although initially no more than ten men will comprise total strength. Some of the personnel can be billeted at radio site proper, but billeting for the remainder and for one dependent family must be provided.

- (c) Frequency Requirements:

Frequencies allocated for use by this organization will be coordinated through the Office of the Chief Signal Officer, USFET, and with USAF Radio Officer to prevent interference with existing and proposed circuits.

- (d) Supply Requirements:

All supplies will be drawn from Theater stocks by authority Top Secret Letter, HQ, USFET, AG 400 AGO(TS) dated 8 November 1946 and Top Secret Letter, War Department, Adjutant General's Office, Washington, D.C., AGAO-S-D-M 400 TS (23 October 46) dated 24 October 1946 (Tab C), superseding War Department Letter AGAO-S-D-M 400 dated 9 July 1946.

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WILLIAM E. BALAZS
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